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(74) Agent: **MOOIJ, Johannes, Jacobus**; DSM Intellectual
Property, P.O. Box 9, NL-6160 MA Geleen (NL).

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(71) Applicant (for all designated States except US): **DSM
IP ASSETS B.V.** [NL/NL]; Het Overloon 1, NL-6411 Te
Heerlen (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **IJPEIJ, Edwin,
Gerard** [NL/NL]; Vrangendaal 153, NL-6136 JN Sittard
(NL). **ARTS, Henricus, Johannes** [NL/NL]; Montjoies-
straat 4, NL-6151 JD Munstergeleen (NL). **VAN DORE-
MAELE, Gerardus, Henricus, Josephus** [NL/NL]; Op
de Hoef 6, NL-6132 HN Sittard (NL). **BEIJER, Felix,
Hugo** [NL/NL]; Darwinstraat 14, NL-6132 GW Sittard
(NL).

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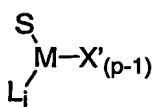
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(54) Title: IMPROVED METHOD OF PREPARING A HYDROCARBYLATED METAL-ORGANIC COMPOUND



(57) Abstract: The invention relates to a process for the preparation of a hydrocarbylated metal organic compound, comprising a hydrocarbyl group, a spectator ligand and optionally a ligand, by contacting a metal-organic reagent with a spectator ligand in the presence of at least 2 equivalents of a hydrocarbylating agent. The invention further relates to a hydrocarbylated metal organic compound according to the following formula (I) containing a spectator ligand S equal to $(\text{Ar}-\text{Z})_s\text{Y}-(\text{Z}-\text{DR}'_n)_q$, wherein Y represents the an anionic moiety of S bonded to

M of the metal-organic compound, Z an optional bridging group between the Y moiety and the DR'_n and/or Ar group, D an electron donating hetero atom chosen from group 15 or 16, R' an optional substituent, Ar an electron-donating aryl group, n the number of R' groups bonded to D, q and s integers with $q + s \geq 1$, wherein Y is an imine radical, or wherein the electron donating hetero atom containing group DR'_n is a ketimide, phosphinimide, guanidine, or iminoimidazoline, or a combination thereof.



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